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Document Hierarchies - Add-On Solution

Versions:

V1-3 First community release

V1-1 Initial prototypes and packaging

V1-2

Overview – Solution Package "Document Hierarchies"

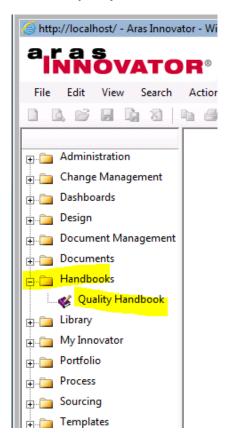
- Adds new Item Types to build Document Hierarchy Structures linking to individual documents
- Much like Bills Of Materials, Document Hierarchies are versionable and operate on a life cycle (Preliminary->Released->Obsolete)
- A separate ItemType "Document Collection", also versionable, is used to group a "Document Hierarchy" and allow different access control. Also operating on the same life cycle.
- "Dummy" TOC Item Types can be used to set up a direct access to a document hierarchy of a defined type, such as a "Quality Handbook" or an "Operations Manual" or more. This package includes the example for a "Quality Handbook"
- Owners and Co-Owners can be defined for "Document Collections" and every level of the "Document Hierarchy". Manual Release of the full structure (down) is allowed for Owners.
- Manual Revisioning is also allowed for Owners. If revisioning is started on a node within the document hierarchy, then all nodes on the path to the top (including to "Document Collection") will be automatically revisioned, as well. (up)
- Linked Documents must still follow their own release and revisioning process.
- Hierarchy nodes linking to documents will show released documents only, if the "query option" on the grid is set to "latest Released". Else the current version of linked documents will be shown.

Installation

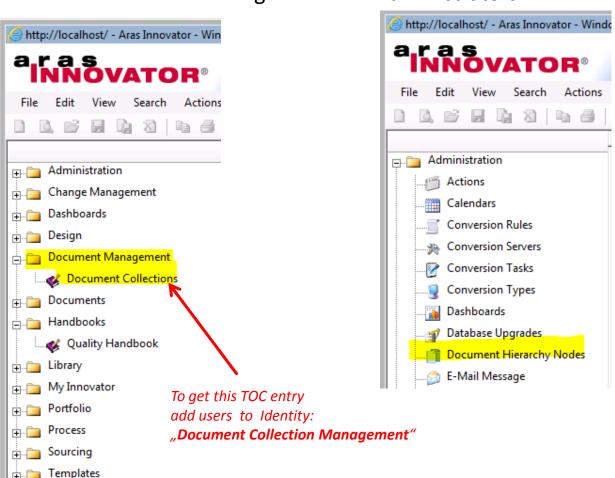
- Use the PackageImportExportUtilities to import the package "Document Hierarchies vX-X"
- Extract package to directory accessible to the import tool.
- Start the import tool, enter the URL to your Aras environment
- Import will require 3 import cycles (import0,Import1,import2)
 - O-Common Utilties v1-6 (partial) → import as "admin", use option "merge".
 - 1-Innovator Core Extensions → import as "root", use option "merge".
 - 2-Document Hierarchy Solution → import as "admin", use option "merge".

TOC Access

All Employees

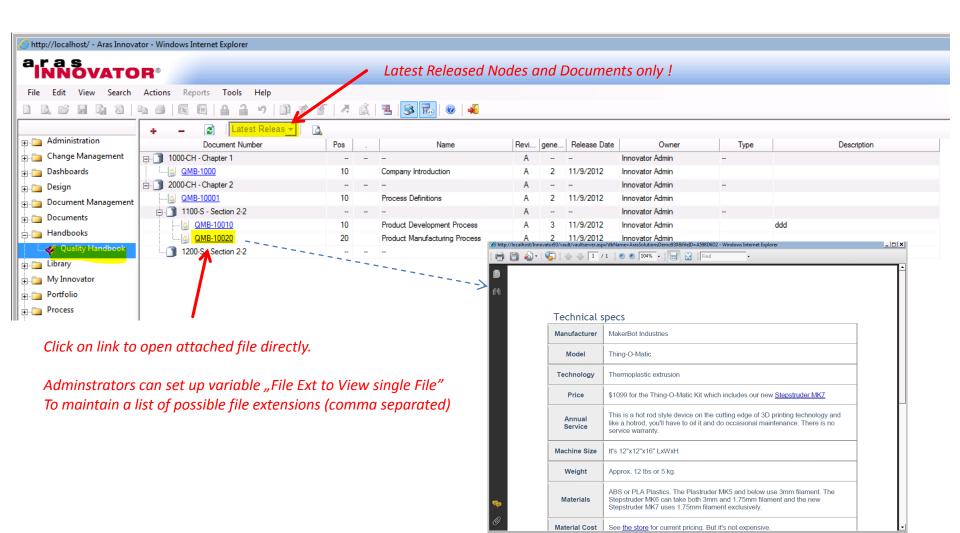


Administrators & Document Collection Management

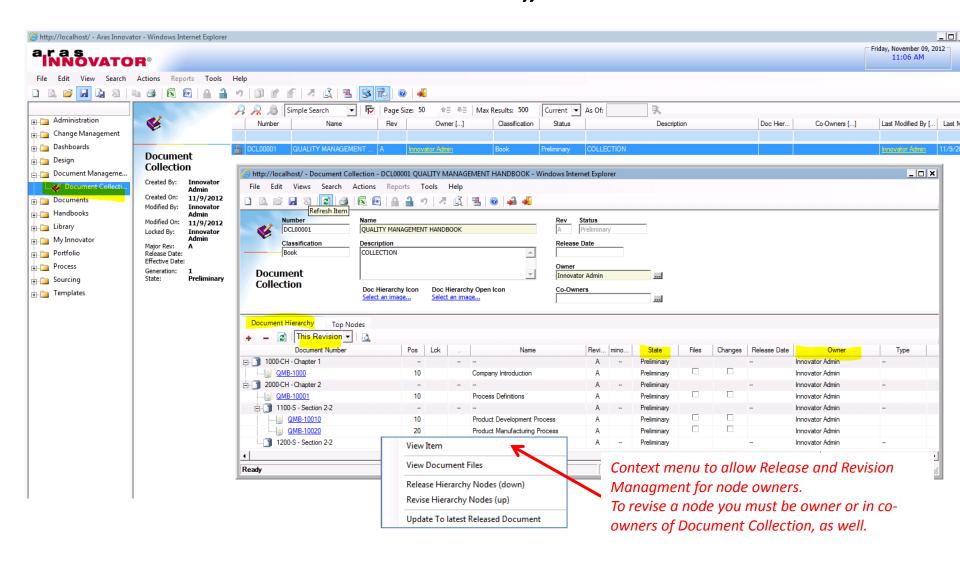


Administrators

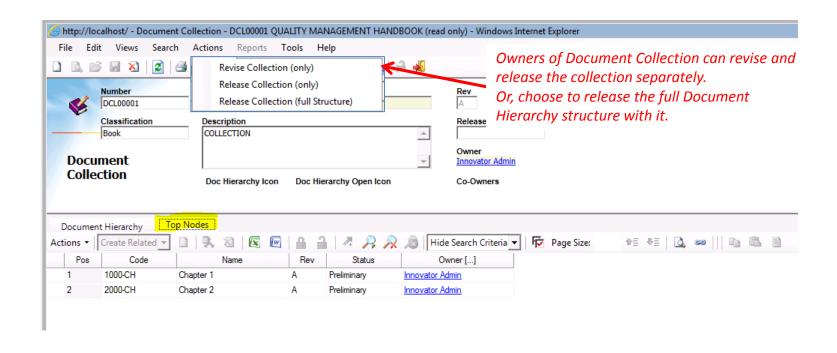
Latest Released version of Document Collection's Hierarchy and Document on separte TOC. For All Employees



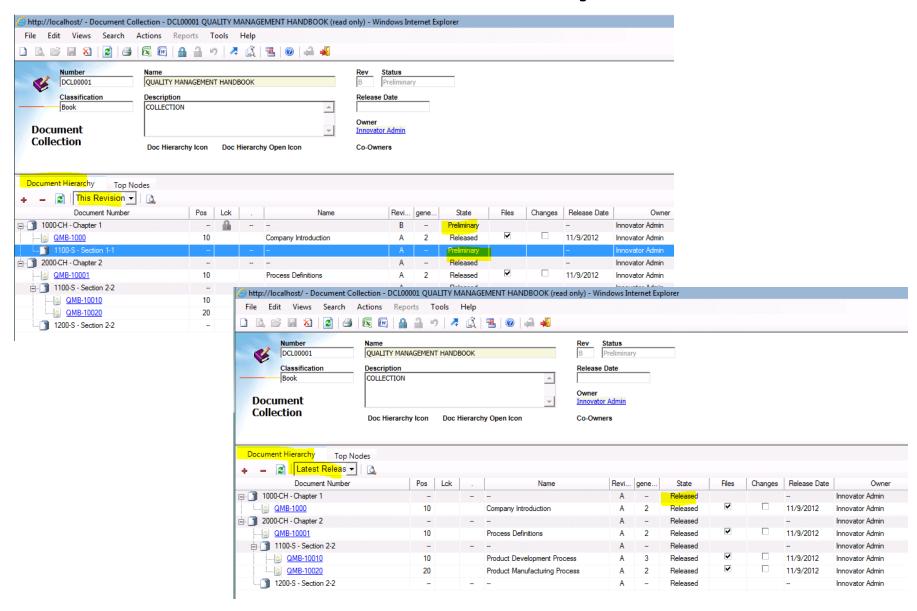
Access To "This (current) Revision" of Hierarchy and Documents. For Owners of the "Document Collection"



Document Collection Actions

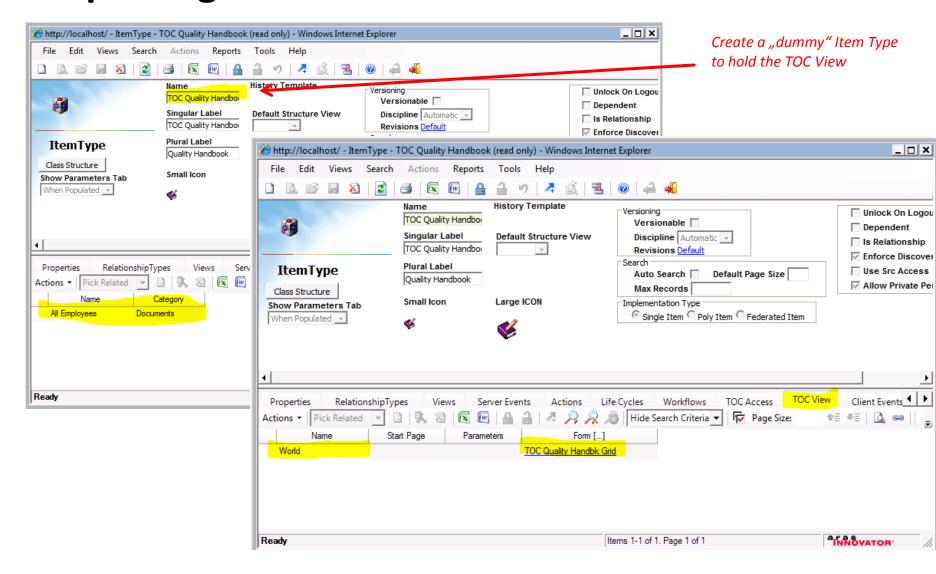


Simulate Latest Released option

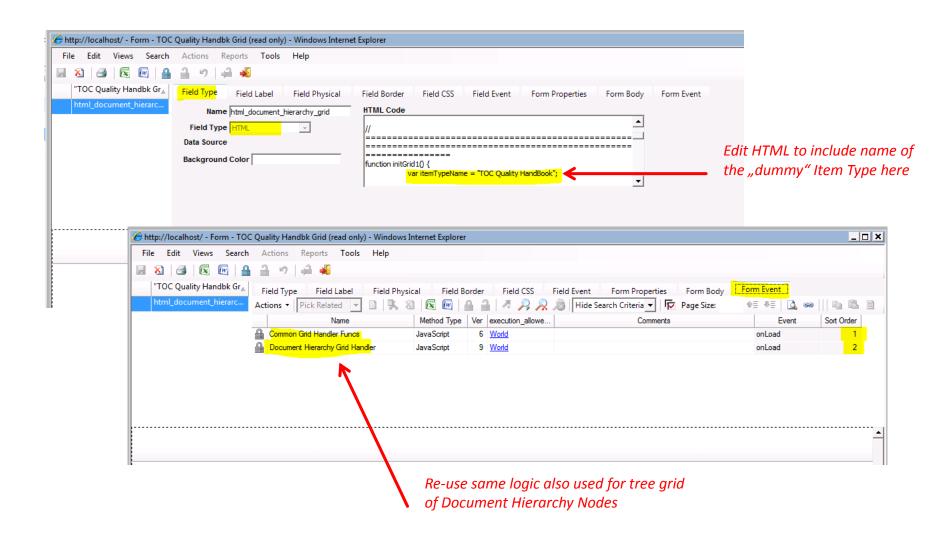


Administrators:

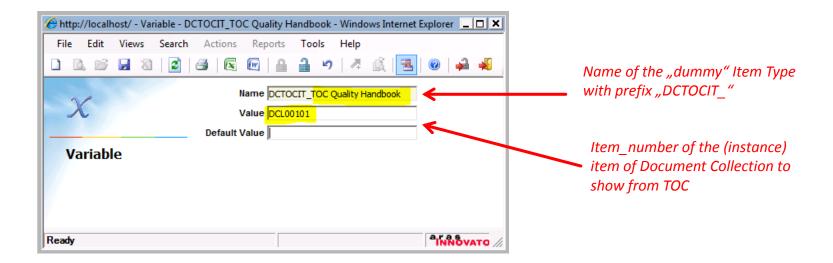
Set up Navigation to Document Collection from TOC



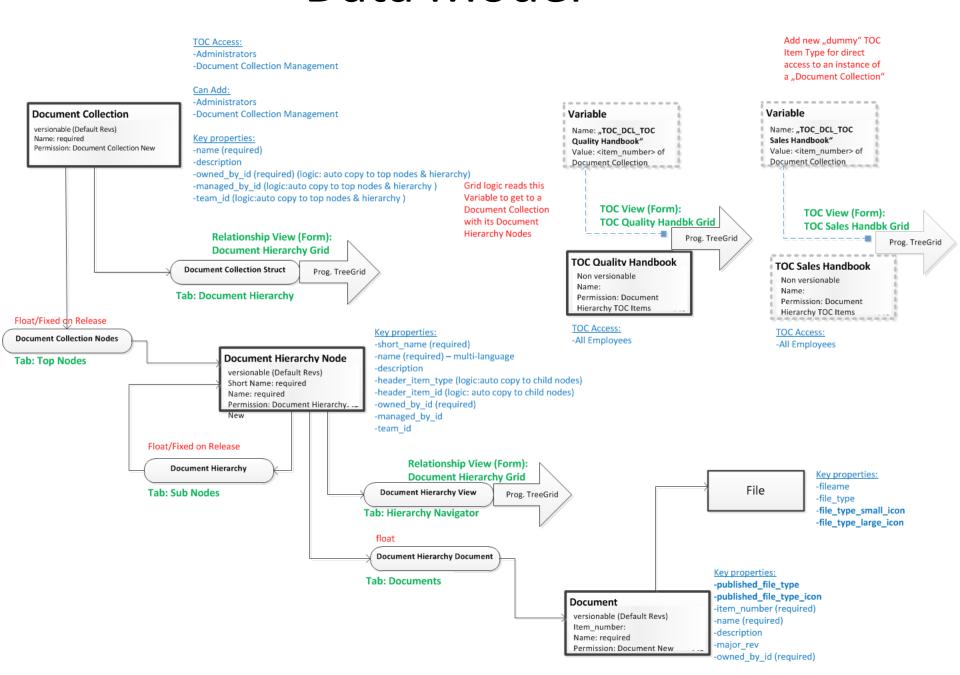
Set up Navigation to Document Collection from TOC (2)



Set up Navigation to Document Collection from TOC (3)



Data Model



Use Cases

Create new Document Collection and Hierarchy

As Member of "Document Collection Management"

- -Add new Document Collection
- -Add new Top Nodes (of Document Hierarchies) to Document Collection
- -Add new Sub Nodes to Document Hierarchy
- -On various levels of the Hierarchy add links to existing or new Documents
- -Use different Owners for Document Hierarchy Nodes

<u>Initial Relase of Document Collection and full Hierarchies of all top nodes</u>

- -Create new document collection and Hierarchy (other use case)
- -On preliminary Document Collection use Action "Release Collection (full Structure)

Revise Document Collection (only)

On released document collection run action "Revise Collection"

-On Document Collection use Action "Release

Revise Hierachy Node (up) including Document Collection

- -On released document hierearchy node (on open form, or from tree grid) run action "Revise Hierarchy Nodes (up)".
- You must be owner of the hierarchy node and owner of or member of co-owners of the Document Collection (of the top node of this hierarchy)

Use Cases (2)

Linking one Document Collection to (Handbook) TOC

- Administrator Users: go to TOC→ Variables
- Edit variable " DCTOCIT_TOC Quality Handbook" and then enter the item number of the Document Collection you want to link to. (i.e. DCL00001)

Relase of partial Hierarchy (down)

- -On Document Hierarchy of Document Collection go to a node inside hierarchy. Use context action "Release Hierarchy Nodes (down)"
- You must be owner of this hierarchy node
- Refresh tree grid → all Nodes down are released

On Hierarchy Grid: Update To Latest Released Document

- -If a hierarchy node is released but linked documents are not released, this relationship is "fiexed". Meaning, if the document gets revised and released, the hierarchy node will still show its previous generation. This action can help to update the relationship to the latest released generation of the document.
- -On a document row run action "Update To Latest Released Document".
- -The parent hierarchy node must be in state "Released" and you must be the owner of the parent hierarchy node.

